

TO THE ASSISTANT COMMISSIONER  
SIR: PLEASE RECORD THE ATTACHEL

100872685

REOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Mats HYLIN  
3. Joakim JONASON  
5. NOV 0 3 1998

2. Mats DAHLGREN  
4.  
6.  
8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Dahlgren, Hylin, Jonason

ADDRESS: Media AB, P O Box 3422, S-103 68, Stockholm, Sweden

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTEREST

EXEC. DATE: August 27, 1998

☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION  
☐ SECURITY ☐ MERGER ☐ OTHER:

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) August 27, 1998

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
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09/135,549

255503

5. Name & Address of Party to Whom Correspondence  
Concerning Document Should be Mailed:

Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
1100 NEW YORK AVENUE, N.W.  
NINTH FLOOR EAST TOWER  
WASHINGTON, D.C. 20005-3918  
S. ATTY DKT:

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE  
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

PMS 255503

P33146US02UDO,EJ

UNDER ORDER NO

70051

255503

MATTER NO.

CLIENT REF.

dup. sheet not required

CLIENT NO.

MATTER NO.

9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

10. Total number of pages including this  
cover sheet, attachments and document  
(do not file dup. Cover sheet)

2

Signature  
Attorney: David W. Brinkman

Reg. No. 20817

Atty/Sec: DWB/clc

TEL: (202) 861-3033

Date: November 3, 1998

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)



\*100872685A\*

FEBRUARY 25, 1999

PTAS

PILLSBURY MADISON & SUTRO LLP  
DAVID W. BRINKMAN  
1100 NEW YORK AVENUE, N.W.  
NINTH FLOOR, EAST TOWER  
WASHINGTON, D.C. 20005-3918

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/03/1998

REEL/FRAME: 9563/0020

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HYLIN, MATS

DOC DATE: 08/27/1998

ASSIGNOR:

DAHLGREN, MATS

DOC DATE: 08/27/1998

ASSIGNOR:

JONASON, JOAKIM

DOC DATE: 08/27/1998

ASSIGNEE:

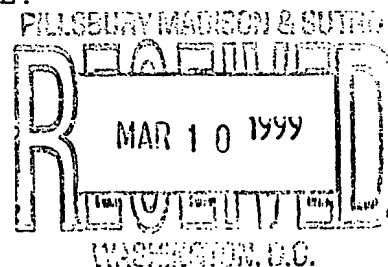
DAHLGREN, HYLIN, JONASON  
MEDIA AB, P O BOX 3422  
S-103 68, STOCKHOLM, SWEDEN

SERIAL NUMBER: 09135549

FILING DATE: 07/18/1998

PATENT NUMBER:

ISSUE DATE:



JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

NONPROVISIONAL

## ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT  
NAME(S) OF  
INVENTOR(S)

(1)	Mats Hylin	(4)
(2)	Mats Dahlgren	(5)
(3)	Joakim Jonason	[ ] x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT  
NAME(S) OF  
ASSIGNEE(S)  
& ADDRESS(ES)

Dahlgren, Hylin, Jonason
Media AB
P O Box 3422
S-103 68 STOCKHOLM, Sweden

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as

TITLE OF  
INVENTION

Digital information system
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for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE -->  
(Complete  
line A, B and/or C)

(A) ☐ even date herewith

(B) ☐ on

(C) ☒ in U.S. Appln. No. / filed August 18, 1998

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE --> The undersigned hereby authorize(s) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	INVENTOR(S)	DATE SIGNED	WITNESSES
1)		980827	
Name:	Mats Hylin		
2)		980827	
Name:	Mats Dahlgren		
3)		980827	
Name:	Joakim Jonason		
4)			
Name:			
5)			
Name:			

IF ADDITIONAL INVENTORS, check box ☐ and continue on page 2.

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED

Digital Information System

the specification of which (CHECK applicable BOX(ES))

X -> [ ] is attached hereto.

BOX(ES) -> [X] was filed on August 18, 1998 as U.S. Application No. 0 /

-> [ ] was filed as PCT International Application No. PCT/ / on

-> and (if U.S. or PCT application amended) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S)

Number	Country	Day/MONTH/Year Filed	Date first Laid-open or Published	Date Patented or Granted	Priority Claimed Yes No
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I hereby claim domestic priority benefit under 35 U.S.C. 119/120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)

Application No. (series code/serial no.)	Day/MONTH/Year Filed	Status pending, abandoned, patented	Priority Claimed Yes No
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Madison & Sutro LLP, Intellectual Property Group, 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918, telephone number (202) 861-3900 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or a below attorney in writing to the contrary.

Paul N. Kokulis	16773	David W. Brinkman	20817	Michelle N. Lester	32331	Ruth N. Morduch	31044
Raymond F. Lippitt	17519	George M. Sirilla	18221	G. Paul Edgell	24238	Richard H. Zaitlen	27248
G. Lloyd Knight	17698	Donald J. Bird	25323	Lynn E. Eccleston	35861	Roger R. Wise	31204
Carl G. Love	18781	Peter W. Gowdey	25872	David A. Jakopin	32995	Jay M. Finkelstein	21082
Edgar H. Martin	20534	Dale S. Lazar	28872	Mark G. Paulson	30793	Anita M. Kirkpatrick	32617
William K. West, Jr.	22057	Glenn J. Perry	28458	Timothy J. Klima	34852	Michael R. Dzwonczyk	36787
Kevin E. Joyce	20508	Kendrew H. Colten	30368	Stephen C. Glazier	31361		
		Paul E. White, Jr.	32011	Paul F. McQuade	31542		

1. INVENTOR'S SIGNATURE: [Signature]

Date 980827

Inventor's Name (typed) Mats Hylin Swedish  
Residence (City) Danderyd First Middle Initial Family Name Country of Citizenship  
(State/Foreign Country) Sweden  
Post Office Address (Include Zip Code) Jagatbacken 12, S-182 35 Danderyd, Sweden

2. INVENTOR'S SIGNATURE: [Signature]

Date 980827

Inventor's Name (typed) Mats Dahlgren Swedish  
Residence (City) Helsingborg First Middle Initial Family Name Country of Citizenship  
(State/Foreign Country) Sweden  
Post Office Address (Include Zip Code) Erik Dahlbergsgatan 9A, S-254 38 Helsingborg, Sweden

3. INVENTOR'S SIGNATURE: [Signature]

Date 980827

Inventor's Name (typed) Joakim Jonason Swedish  
Residence (City) Lidingö First Middle Initial Family Name Country of Citizenship  
(State/Foreign Country) Sweden  
Post Office Address (Include Zip Code) Stjärnvägen 19, S-181 34 Lidingö, Sweden

(FOR ADDITIONAL INVENTORS, check box [ ] and attach sheet (PAT-116.2) for same information for each re signature, name, date, citizenship, residence and address.)